

Summary Report for Individual Task
551-88M-2304
Adjust the Platform Height on the M1000 Semitrailer
Status: Approved

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD5 - This product/publication has been reviewed by the product developers in coordination with the Fort Lee, VA foreign disclosure authority. This product is releasable to students from all requesting foreign countries without restrictions.

Condition: In an operational environment, given an M1000 semitrailer with basic issue items (BII) and operational auxiliary power unit (APU), hearing protection, and work gloves.

Special Conditions: If semitrailer is loaded, the semitrailer must be coupled to tractor to perform height adjustments. See semitrailer technical manual (TM) for details. Some iterations of this task should be performed in MOPP 4.

Standard: Adjust platform height to the height of the semitrailer with 100% accuracy and without injury to personnel or damage to equipment.

Special Condition: None

Safety Risk: Medium

MOPP 4: Sometimes

Task Statements

Cue: Your unit has a requirement to transport heavy loads.

DANGER

Soldiers must be aware of the inherent dangers of working in and around tactical wheeled vehicles. Hot surfaces, sharp, moving objects such as fan blades, slippery surfaces, and excessively loud noises are all dangers. These dangers are also applicable to hazardous cargo being transported (as applicable). Each Soldier should take every precaution not to become a victim of these dangers by following regulatory guidance and risk management rules.

WARNING

Adhere to all WARNING statements in the referenced technical manuals for the procedures identified for this task.

CAUTION

Adhere to all CAUTION statements in the referenced technical manuals for the procedures identified for this task.

Remarks: None

Notes: None

Performance Steps

1. Perform a composite risk assessment.

a. Identify hazards.

b. Assess hazards to determine risk.

c. Develop controls.

d. Implement controls.

e. Supervise.

f. Evaluate.

2. Start the APU.

a. Refer to TM 9-2330-381-14, paragraph 2-16, subparagraph a, pages 2-46 to 2-50.

b. Run APU at full throttle.

3. Prepare semitrailer for platform height adjustments. Refer to TM 9-2330-381-14, paragraph 2-19, subparagraphs b through e, pages 2-54 and 2-55.

Note: The brakes on the semitrailer should be released when making platform adjustments. If the parking brakes are not released, platform adjustments will be much slower and harder to accomplish.

4. Raise platform height. Refer to TM 9-2330-381-14, paragraph 2-19, subparagraph f, page 2-56.

5. Lower platform height. Refer to TM 9-2330-381-14, paragraph 2-19, subparagraph g, page 2-56.

6. Make other platform height adjustments as necessary. Refer to TM 9-2330-381-14, paragraph 2-19, subparagraphs h, (l) to (8), and i to m, page 2-57.

7. Shutdown the APU. Refer to TM 9-2330-381-14, paragraph 2-16, subparagraph b, pages 2-50 and 2-51.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score the Soldier GO if all performance measures are passed. Score the Soldier NO-GO if any performance measure is failed. Tell the Soldier what was done wrong and how to perform it correctly.

Evaluation Preparation: Setup: Provide for the Soldier an M1000 HET Semitrailer coupled to an M1070 HET Truck Tractor parked on solid level ground with no obstructions.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Performed a composite risk assessment.			
2. Started the APU.			
3. Prepared semitrailer for platform height adjustments.			
4. Raised platform height.			
5. Lowered platform height.			
6. Made other platform height adjustments as necessary.			
7. Shutdown the APU.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	ATP 5-19	RISK MANAGEMENT http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/atp5_19.pdf	No	No
	TM 9-2330-381-14	OPERATORS, UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL FOR HEAVY EQUIPMENT TRANSPORTER SEMITRAILER, 70 TON, M1000 (NSN 2330-01-303-8832) (EIC: CXU) {TM 09295A-14/1}D	Yes	No

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT. Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT.

Safety: In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination. CAUTION
If the semitrailer is loaded, DO NOT make any platform adjustments while uncoupled or severe damage to equipment may result.

CAUTION

The suspension shut-off valve handle must be pulled outward to the ADJUST position prior to operating any platform/gooseneck valve handles. The suspension shut-off valve isolates the suspension and prevents operation. If the valve handle is not properly positioned, for intended operation, severe damage to equipment may result. Wear hearing protection while APU is running. Remove all jewelry when working around vehicles.

WARNING:

Ensure both streetside and curbside front bogie wheels are chocked. After the parking brakes are released, the semitrailer may roll uncontrolled and cause injury to personnel or damage to equipment.

WARNING:

If semitrailer is coupled to a tractor, the gooseneck isolation valve handle must be in the RUN position (handle pushed inward). If semitrailer is coupled and the gooseneck needs adjusting, verify that front support legs are lowered and supporting the platform and all personnel are clear of gooseneck before operating gooseneck isolation valve or injury to personnel may result.

CAUTION:

DO NOT allow suspension to bottom out in the lowest position (unless otherwise directed by specific operation or maintenance procedures) or individual bogies may sustain excess load and result in premature cylinder failure or severe damage to equipment. To ensure proper suspension pressure equalization, lower platform until the shortest (compression) suspension cylinder piston still has 1 inch (2.54 cm) of polished chrome exposed.

Prerequisite Individual Tasks :

Task Number	Title	Proponent	Status
551-88M-2375	Drive a Heavy Equipment Transporter (HET) on Improved Roads	551 - Transportation (Individual)	Superseded

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks :

Task Number	Title	Proponent	Status
55-2-0024(Step: 1.)	Transport Crew Members and Overweight Vehicles or Oversized Cargo	55 - Transportation (Collective)	Approved
55-2-0024	Transport Crew Members and Overweight Vehicles or Oversized Cargo	55 - Transportation (Collective)	Approved

ICTL Data :

ICTL Title	Personnel Type	MOS Data
MOS 88M - Motor Transport Operator SL3	Enlisted	MOS: 88M, Skill Level: SL3
MOS 88M - Motor Transport Operator	Enlisted	MOS: 88M
MOS 88M - Motor Transport Operator SL4	Enlisted	MOS: 88M, Skill Level: SL4
MOS 88M - Motor Transport Operator SL 1-4	Enlisted	MOS: 88M
MOS 88M - Motor Transport Operator SL2	Enlisted	MOS: 88M, Skill Level: SL2